

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Divisional Application of:

Ho et al

Serial No.: (unknown)
(Divisional of Ser. No. 10/054,656)

Filed: (herewith)

For: METHOD OF MAKING A READ HEAD
HAVING A TUNNEL JUNCTION SENSOR
WITH A FREE LAYER BIASED BY
EXCHANGE COUPLING WITH
INSULATING ANTIFERROMAGNETIC
(AFM) LAYERS

Group No.: (unknown)

Examiner: (unknown)

Docket No. **SJO920000165US2**

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

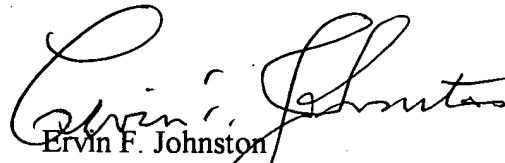
INFORMATION DISCLOSURE STATEMENT

Applicants hereby disclose the documents listed in the accompanying Forms PTO-1449 and PTO-892 with respect to the above-referenced divisional patent application under the provisions of 37 CFR, §§ 1.56, 1.97 and 1.98. Copies of the cited references are not attached but can be found in the file of the parent application, U. S. Serial No. 10/054,656.

The filing of this Information Disclosure Statement should not be construed to mean that a search was conducted or that no other material information, as defined by 37 CFR §1.56, exists.

The Examiner is respectfully requested to make the listed documents of record in connection with the prosecution of the subject application.

Respectfully submitted,


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O-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use Several Sheets If Necessary)

Docket No. SJ0920000165US1

Application No. (unknown)

Applicant: Ho et al

Filing Date: (herewith)

Group Art Unit (unknown)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WJK	5,712,565	1/27/98	Schultz et al	324	252	6/22/94
WJK	5,712,612	1/27/98	Lee et al	338	32 R	1/2/96
WJK	5,729,410	3/17/98	Fontana Jr, et al	360	113	11/27/96
WJK	5,739,987	4/14/98	Yuan et al	360	113	6/4/96
WJK	5,764,445	6/9/98	Torng et al	360	113	6/2/95
WJK	5,780,176	7/14/98	Iwasaki et al	428	692	6/28/96
WJK	5,867,889	2/9/99	Dovek et al	29	603.13	4/1/97
WJK	5,898,547	4/27/99	Fontana Jr. et al	360	113	10/24/97
WJK	5,901,018	5/4/99	Fontana Jr. et al	360	104	10/24/97
WJK	5,909,344	6/1/99	Gill	360	113	11/30/95
WJK	5,910,344	6/8/99	Hasegawa et al	427	599	10/20/98
WJK	5,946,167	8/31/99	Hara et al	360	113	3/14/97
WJK	5,949,623	9/7/99	Lin	360	113	9/11/97
WJK	5,966,012	10/12/99	Parkin	324	252	10/7/97
WJK	5,993,566	11/30/99	Lin	148	108	10/10/97
WJK	5,995,339	11/30/99	Koshikawa et al	360	113	1/27/97
WJK	6,005,753	12/21/99	Fontana Jr, et al	360	113	5/29/98
WJK	6,023,395	2/8/00	Dill et al	360	113	5/29/98
WJK	6,030,753	2/29/00	Lin	430	314	5/10/99
WJK	6,033,491	3/7/00	Lin	148	108	9/3/97
WJK	6,052,261	4/18/00	Watanabe et al	360	113	6/24/96
WJK	6,052,263	4/18/00	Gill	360	113	8/21/98

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	WJK	DATE CONSIDERED	11-21-03
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EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

(2/92 PTO)

BEST AVAILABLE COPY
Notice of References Cited

Application/Control No.

10/054,656

Applicant(s)/Patent Under
Reexamination
HO ET AL.

Examiner

William J. Klimowicz

Art Unit

2652

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,201,673 B1	03-2001	Rottmayer et al.	360/324.12
	B	US-2001/0005300 A1	06-2001	Hayashi, Kazuhiko	360/317
	C	US-2001/0028541 A1	10-2001	Gill, Hardayal Singh	360/324.12
	D	US-2002/0097540 A1	07-2002	Hayashi et al.	360/324.12
	E	US-2002/0167767 A1	11-2002	Jayasekara, Wipul	360/324.2
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N	JP 08287426 A	11-1996	Japan	ARAI et al.	G11B 05/39
	O	JP 09073611 A	03-1997	Japan	SAITO et al.	G11B 05/39
	P	JP 2000228003 A	08-2000	Japan	SHIMAZAWA et al.	G11B 05/39
	Q	JP 2000331320 A	11-2000	Japan	FUKUZAWA et al.	G11B 05/39
	R	JP 2001195709 A	07-2001	Japan	AOKI et al.	G11B 05/39
	S	JP 2001351209 A	12-2001	Japan	KANAI et al.	G11B 05/39
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

JDC